

I CLAIM:

1. A method for determining the amount of gas contained in a liquid, including the steps of:

5 providing a stripping chamber;
 introducing air or gas into said stripping chamber, thereby
 producing an air or gas atmosphere therein;
 spraying liquid in which gas is dissolved into the air or
 gas atmosphere of said stripping chamber to strip gas from said liquid;
10 withdrawing air or gas containing gas stripped from said
 liquid from said stripping chamber;
 sensing and measuring the stripped gas in said
 withdrawn air or gas; and
 withdrawing liquid from said stripping chamber.

15 2. A method according to claim 1, wherein said step of
 introducing air or gas comprises introducing air or gas under pressure
 into said stripping chamber.

 3. A method according to claim 1, wherein said step of
 withdrawing liquid comprises withdrawing liquid continuously from said
20 stripping chamber.

 4. A method according to claim 1, wherein said gas
 introduced into said stripping chamber is an inert gas.

5. A method according to claim 1, wherein said liquid is water, and said gas contained in said water is ozone.

6. A method according to claim 5, wherein air is introduced into said stripping chamber.

5 7. A method according to claim 6, wherein said air is introduced into said stripping chamber at a rate of approximately 3 liters per minute.

8. A method according to claim 1, wherein the stripped gas in said withdrawn air or gas is measured by a gas concentration measurement instrument.

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9. An apparatus for determining the amount of gas contained in a liquid, comprising:

a stripping chamber;

means for introducing air or a gas into said stripping chamber, thereby producing an air or gas atmosphere therein;

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a stripping nozzle for receiving liquid in which gas is dissolved and for spraying such liquid into the air or gas atmosphere of said stripping chamber in order to strip gas from said liquid;

means for withdrawing air or gas containing stripped gas from said stripping chamber;

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means for sensing and measuring the stripped gas in said withdrawn air or gas; and

means for withdrawing liquid from said stripping chamber.

10. An apparatus according to claim 9, wherein said means for sensing and measuring stripped gas includes a gas concentration measurement instrument.

5 11. An apparatus according to claim 9, wherein said means for introducing air or gas into said stripping chamber comprises a pump.

12. An apparatus according to claim 11, wherein said pump is a diaphragm pump.

10 13. An apparatus according to claim 9, wherein said means for withdrawing air or gas containing stripped gas from said stripping chamber comprises said air or gas introduced into said stripping chamber.

15 14. An apparatus according to claim 9, wherein said means for withdrawing liquid from said stripping chamber is in the form of a P trap.

15. An apparatus according to claim 9, wherein a stripped gas destruct unit is disposed downstream of said means for sensing and measuring the stripped gas.

20 16. An apparatus according to claim 9, wherein said stripping nozzle is a stainless steel or plastic nozzle having orifices ranging from .25 to 1 mm.